



COMMONWEALTH BUREAU OF CENSUS AND STATISTICS

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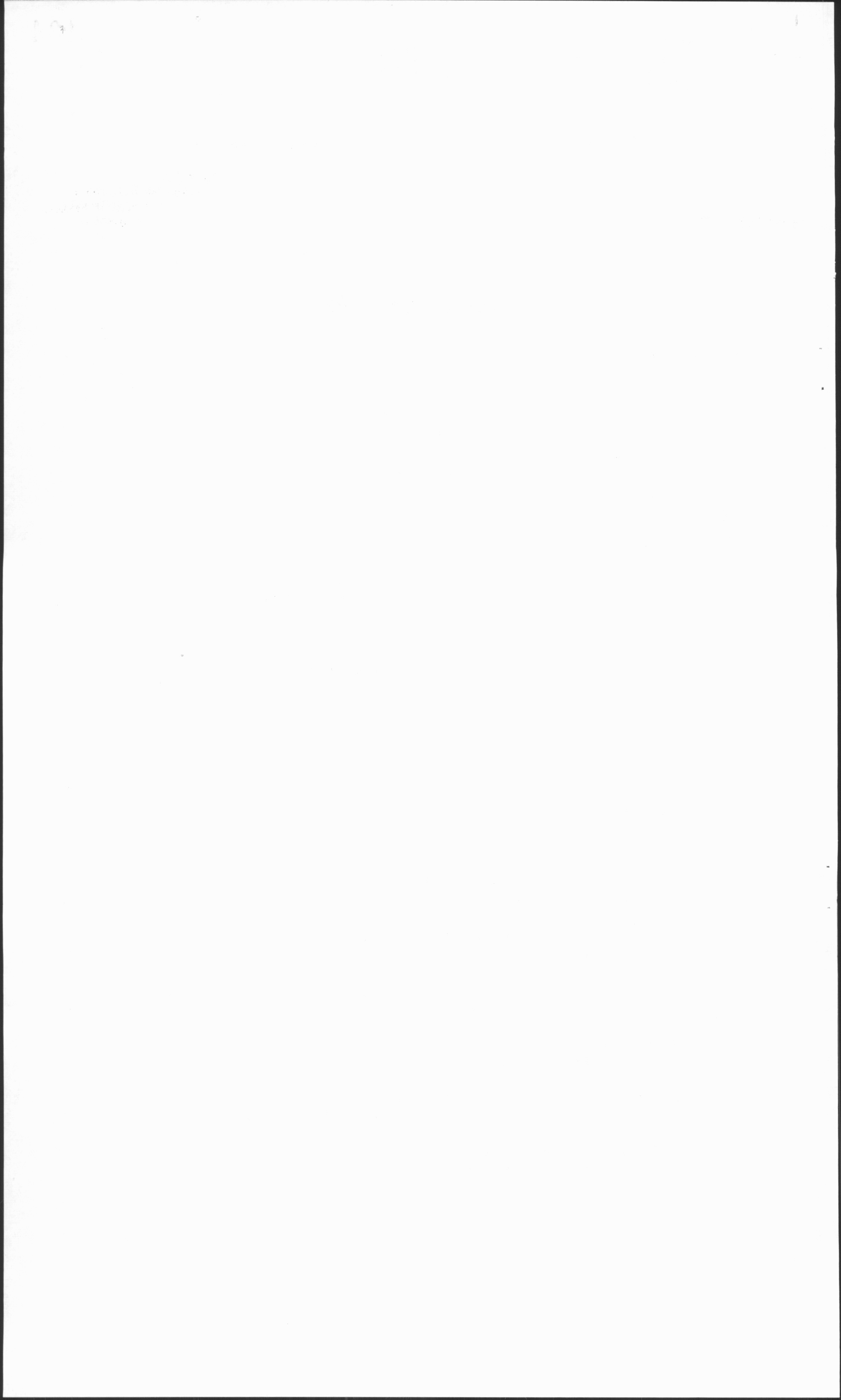
INDUSTRIAL ACCIDENTS

SOUTH AUSTRALIA

1963-64

CONTENTS

<u>TABLE</u>		<u>PAGE</u>
	Introduction	1
1	Fatal and Non-Fatal Accidents: Industry Groups, Number of Accidents, Time Lost and Amount Paid	Persons 3 Males 4 Females 5
2	Fatal and Non-Fatal Accidents: Industry Groups, Accident Factor	Males 6 Females 7
3	Non-Fatal Accidents: Industry Groups, Location of Injury	Males 8 Females 9
4	Non-Fatal Accidents: Industry Groups, Nature of Injury	Males 10 Females 11
5	Non-Fatal Accidents: Location of Injury, Accident Factor	12
6	Non-Fatal Accidents: Nature of Injury, Accident Factor	13
7	Non-Fatal Accidents: Nature of Injury, Location of Injury	14
8	Non-Fatal Accidents: Age Groups, Accident Factor	15
9	Fatal and Non-Fatal Accidents: Individual Accident Factors, Number of Accidents	16
10	Non-Fatal Accidents: Time Lost, Number of Accidents	19



INTRODUCTION

SCOPE AND COVERAGE

The statistics contained in this bulletin have been compiled from reports of Workmen's Compensation claims closed during the year ended 30th June 1964 and of unclosed claims of three years' duration at 30th June 1964 submitted by Insurance Companies, self-insurers, and State Government Departments, through the South Australian Department of Labour and Industry. Each original claim has been regarded as a separate accident. Reports have been received of re-opened claims but no details of these have been included in the Tabulations.

Only persons within the coverage of the South Australian Workmen's Compensation Act are included. Notable exclusions are self-employed persons and all Commonwealth Government officers and employees. Thus persons employed within some industry classifications (e.g. Defence Services and Communications) are not covered at all while coverage is reduced in other industries, particularly in retail trade and rural industries.

DEFINITIONS

INDUSTRIAL ACCIDENT: For the purpose of this collection the following definition has been applied: "An Industrial Accident is a compensated work injury causing death or absence of the injured person from work for one week or more, excluding journey cases, cases occurring during a recess period, and disease cases."

Note: "One week" has been interpreted as "one week of seven calendar days or five working days".

INDUSTRY: The 1961 Census Classification of Industries has been used.

ACCIDENT FACTOR: In general, an accident factor may be regarded as "That underlying agency, other than human failing, which appears to contribute most materially to an accident and which would be most likely to receive attention in preventing the occurrence of a similar accident".

A detailed list of "Accident Factors" is given in Table 9 to which reference should be made for clarification of the group titles used in Tables 2, 5, 6, and 8.

GENERAL COMMENT

This bulletin is the third published by this Bureau on Industrial Accidents in South Australia and covers the year ended 30th June 1964; a preliminary bulletin was published in November 1964. Statistics contained in this bulletin relate to claims closed, or regarded statistically as closed, during the year ended 30th June 1964. Fluctuations in the flow of processing and reporting of claims can significantly affect the figures for any given year. The attached tables provide an analysis of 20 fatal accidents, and of 11,098 non-fatal accidents each of which resulted in absence from work of a week or more. Those accidents resulted in compensation payments totalling approximately £1,239,000. Other returns received from insurance companies, self-insurers and State Government departments show that during the year ended 30th June 1964 they received approximately 51,350 effective claims and that compensation totalling approximately £1,933,000 was paid. These figures, and similar comparisons in the preceding two years indicate that statistics compiled on the basis described in this introduction cover between 20% and 25% of total compensated accidents and that associated compensation payments represent between 60% and 70% of total compensation payments.

More detailed tabulations for some of the tables are held in this office and information contained therein may be made available on application to this Bureau or to the South Australian Department of Labour and Industry.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID : SOUTH AUSTRALIA, 1963-64

PERSONS

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-Fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total						
			%	Weeks	Weeks	£'000	£'000	£'000	£
Primary production	2	936	8.4	4,174	4.5	6.7	107.7	114.4	115
Mining and quarrying	-	103	0.9	545	5.3	-	22.9	22.9	222
Manufacturing	8	5,042	45.4	18,405	3.7	29.2	513.5	542.7	102
Manufacturing includes -									
Cement, bricks, glass, and stone	-	280	2.5	970	3.5	-	28.3	28.3	101
Founding, engineering and metal working	6	1,796	16.2	6,071	3.4	22.3	167.6	189.9	93
Ships, vehicles, parts, and accessories	-	971	8.8	4,268	4.4	-	123.1	123.1	127
Food, drink, and tobacco	-	842	7.6	2,663	3.2	-	69.4	69.4	82
Sawmilling and wood products (excl. furniture)	1	466	4.2	1,774	3.8	0.8	41.0	41.8	88
Electricity, gas, water, and sanitary services	1	547	4.9	2,222	4.1	3.4	58.5	61.9	107
Building and construction	6	1,703	15.4	7,817	4.6	18.8	206.3	225.1	121
Transport and storage	-	861	7.8	3,346	3.9	-	87.4	87.4	102
Finance and property	-	38	0.4	298	6.2	-	7.7	7.7	202
Commerce	2	1,214	10.9	4,082	3.4	3.4	102.4	105.8	84
Public authority (n.e.i.), community and business services	1	335	3.0	1,555	4.6	3.3	35.2	38.5	105
Amusement, hotels, accommodation, cafes, etc.	-	319	2.9	1,423	4.5	-	32.6	32.6	102
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-
Total	20	11,098	100.0	43,867	4.0	64.8	1174.2	1239.0	106

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID : SOUTH AUSTRALIA, 1963-64

MALES

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total						
			%	Weeks	Weeks	£'000	£'000	£'000	£
Primary production	2	899	8.8	3,876	4.3	6.7	101.1	107.8	113
Mining and quarrying	-	103	1.0	545	5.3	-	22.9	22.9	222
Manufacturing	8	4,714	46.0	17,255	3.7	29.2	491.2	520.4	104
Manufacturing includes -									
Cement, bricks, glass, and stone	-	279	2.7	967	3.5	-	28.3	28.3	101
Founding, engineering and metal working	6	1,686	16.5	5,745	3.4	22.3	160.3	182.6	95
Ships, vehicles, parts, and accessories	-	944	9.2	4,146	4.4	-	120.7	120.7	128
Food, drink, and tobacco	-	745	7.3	2,240	3.0	-	62.1	62.1	83
Sawmilling and wood products (excl. furniture)	1	457	4.5	1,757	3.8	0.8	40.7	41.5	89
Electricity, gas, water, and sanitary services	1	545	5.3	2,220	4.1	3.4	58.5	61.9	107
Building and construction	6	1,695	16.6	7,776	4.6	18.8	205.6	224.4	121
Transport and storage	-	856	8.4	3,338	3.9	-	87.1	87.1	102
Finance and property	-	29	0.3	108	3.7	-	2.7	2.7	94
Commerce	2	1,055	10.3	3,572	3.4	3.4	95.3	98.7	90
Public authority (n.e.i.), community and business services	1	176	1.7	791	4.5	3.3	20.9	24.2	118
Amusement, hotels, accommodation, cafes, etc.	-	169	1.6	685	4.1	-	13.3	13.3	79
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-
Total	20	10,241	100.0	40,166	3.9	64.8	1098.6	1163.4	107

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

TABLE 1 - FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, NUMBER, TIME LOST, AND AMOUNT PAID : SOUTH AUSTRALIA, 1963-64

FEMALES

Industry	Number of Accidents			Time Lost (Non-Fatal Accidents)		Amount Paid (a)			
	Fatal	Non-Fatal		Total	Average per Accident	Fatal	Non-Fatal	Total	Average per NON-FATAL Accident
		Number	Proportion of Total						
			%	Weeks	Weeks	£'000	£'000	£'000	£
Primary production	-	37	4.3	298	8.1	-	6.6	6.6	177
Mining and quarrying	-	-	-	-	-	-	-	-	-
Manufacturing	-	328	38.3	1,150	3.5	-	22.3	22.3	68
Manufacturing includes -									
Cement, bricks, glass, and stone	-	1	0.1	3	3.4	-	(b)	(b)	42
Founding, engineering and metal working	-	110	12.8	326	3.0	-	7.3	7.3	66
Ships, vehicles, parts, and accessories	-	27	3.2	122	4.5	-	2.4	2.4	89
Food, drink, and tobacco	-	97	11.3	423	4.4	-	7.3	7.3	75
Sawmilling and wood products (excl. furniture)	-	9	1.1	17	1.9	-	0.3	0.3	36
Electricity, gas, water, and sanitary services	-	2	0.2	2	1.0	-	(b)	(b)	13
Building and construction	-	8	0.9	41	5.1	-	0.7	0.7	91
Transport and storage	-	5	0.6	8	1.7	-	0.3	0.3	55
Finance and property	-	9	1.0	190	21.1	-	5.0	5.0	551
Commerce	-	159	18.6	510	3.2	-	7.1	7.1	45
Public authority (n.e.i.), community and business services	-	159	18.6	764	4.8	-	14.3	14.3	90
Amusement, hotels, accommodation, cafes, etc.	-	150	17.5	738	5.0	-	19.3	19.3	129
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-
Total	-	857	100.0	3,701	4.3	-	75.6	75.6	88

(a) Compensation for wages lost, hospital and medical expenses, and lump sum settlements.

(b) Less than £50.

TABLE 2 : FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1963-64

MALES

Industry	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Sub- stances		Falling Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling ^(a)		Hand Tools		Miscell- aneous		Total	
	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF	F	NF
Primary production	-	123	1	88	-	8	-	3	-	163	-	33	1	217	-	98	-	166	2	899
Mining and quarrying	-	15	-	12	-	5	-	-	-	22	-	5	-	35	-	5	-	4	-	103
Manufacturing	1	813	4	126	-	133	-	21	-	796	-	210	2	1,966	-	481	1	168	8	4,714
Manufacturing includes -																				
Cement, bricks, glass, & stone	-	33	-	17	-	8	-	-	-	40	-	18	-	133	-	17	-	13	-	279
Founding, engineering, & metal working	1	360	3	29	-	66	-	12	-	200	-	68	1	761	-	143	1	47	6	1,686
Ships, vehicles, parts, etc.	-	140	-	24	-	12	-	1	-	178	-	41	-	406	-	108	-	34	-	944
Food, drink, and tobacco	-	58	-	23	-	33	-	-	-	178	-	25	-	264	-	127	-	37	-	745
Sawmilling and wood products (excluding furniture)	-	95	-	18	-	3	-	-	-	78	-	23	1	172	-	54	-	14	1	457
Electricity, gas, water & sanitary services	-	28	1	35	-	13	-	3	-	108	-	25	-	233	-	84	-	16	1	545
Building and construction	-	138	3	108	-	17	-	6	1	433	-	90	2	619	-	230	-	54	6	1,695
Transport and storage	-	53	-	92	-	2	-	4	-	213	-	36	-	388	-	40	-	28	-	856
Finance and property	-	1	-	8	-	-	-	-	-	5	-	1	-	11	-	2	-	1	-	29
Commerce	-	78	-	62	1	17	-	4	1	249	-	57	-	428	-	112	-	48	2	1,055
Public authority (n.e.i.) and community and business services	-	9	1	26	-	4	-	1	-	61	-	4	-	43	-	1	-	27	1	176
Amusement, hotels, accommodation, cafes, etc.	-	5	-	14	-	8	-	2	-	62	-	4	-	52	-	12	-	10	-	169
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total : Number	1	1,263	10	571	1	207	-	44	2	2,112	-	465	5	3,992	-	1,065	1	522	20	10,241
Per cent		12.3		5.6		2.0		0.4		20.6		4.6		39.0		10.4		5.1		100.0

(a) Non-fatal accidents in this group includes : struck by moving or falling objects (1,638), strain in handling (1,918), handling sharp objects (330), other (106)

F - Fatal

NF - Non-fatal

TABLE 2 : FATAL AND NON-FATAL ACCIDENTS : INDUSTRY GROUPS, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1963-64

FEMALES

Industry	Machinery	Vehicles	Electricity, Explosions, Etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, Etc.	Striking against, Stepping on, Etc.	Handling; Objects Moving or Falling (a)	Hand Tools	Miscell- aneous	Total
Primary production	3	2	3	-	9	2	9	2	7	37
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Manufacturing	102	4	7	3	54	24	109	14	11	328
Manufacturing includes -										
Cement, bricks, glass, & stone	-	-	-	-	1	-	-	-	-	1
Founding, engineering, & metal working	46	1	1	1	8	9	37	5	2	110
Ships, vehicles, parts, etc.	8	-	-	-	5	1	10	-	3	27
Food, drink, and tobacco	18	-	4	1	25	5	40	2	2	97
Sawmilling and wood products (excluding furniture)	2	1	-	-	3	-	1	-	2	9
Electricity, gas, water & sanitary services	-	-	-	-	-	1	-	1	-	2
Building and construction	-	2	-	-	3	1	2	-	-	8
Transport and storage	-	-	1	-	1	1	1	-	1	5
Finance and property	-	-	1	-	7	-	-	-	1	9
Commerce	17	-	9	2	55	10	51	5	10	159
Public authority (n.e.i.) and community and business services	7	3	6	-	59	5	60	5	14	159
Amusement, hotels, accommodation, cafes, etc.	10	1	21	-	58	9	36	9	6	150
Other and inadequately described, or not stated	-	-	-	-	-	-	-	-	-	-
Total : Number	139	12	48	5	246	53	268	36	50	857
Per cent	16.2	1.4	5.6	0.6	28.7	6.2	31.3	4.2	5.8	100.0

Note: No accident involving the death of a female was reported during the year.

(a) This group includes : Struck by moving or falling objects (82), Strain in handling (132), Handling sharp objects (49), Other (5).

TABLE 3 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY : SOUTH AUSTRALIA, 1963-64

MALES

Industry	Head	Eye	Neck and Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary production	26	35	41	188	149	198	200	52	10	899
Mining and quarrying	5	2	6	21	13	25	20	10	1	103
Manufacturing	118	172	155	1,189	527	1,410	634	493	16	4,714
Manufacturing includes -										
Cement, bricks, glass and stone	4	10	5	85	39	58	43	35	-	279
Founding, engineering and metal working	45	73	51	376	172	562	187	212	8	1,686
Ships, vehicles, parts, and accessories.	15	45	30	296	117	223	118	99	1	944
Food, drink, and tobacco	26	12	28	165	84	244	118	65	3	745
Sawmilling and wood products (excl. furniture)	12	15	10	120	40	147	75	38	-	457
Electricity, gas, water, and sanitary services	27	15	17	159	62	109	84	70	2	545
Building and construction	57	59	71	456	171	400	299	176	6	1,695
Transport and storage	30	16	44	259	107	128	173	96	3	856
Finance and property	4	1	1	7	1	6	7	2	-	29
Commerce	34	22	49	276	120	251	201	96	6	1,055
Public authority (n.e.i.) and community and business services	13	5	7	41	29	23	45	12	1	176
Amusement, hotels, accommodation, cafes, etc.	3	3	10	37	27	34	35	17	3	169
Other and inadequately described or not stated	-	-	-	-	-	-	-	-	-	-
Total : Number	317	330	401	2,633	1,206	2,584	1,698	1,024	48	10,241
Per cent.	3.1	3.2	3.9	25.7	11.8	25.2	16.6	10.0	0.5	100.0

TABLE 3 - NON-FATAL ACCIDENTS : INDUSTRY GROUPS, LOCATION OF INJURY : SOUTH AUSTRALIA, 1963-64

FEMALES

Industry	Head	Eye	Neck and Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
Primary production	1	2	-	13	7	5	7	2	-	37
Mining and quarrying	-	-	-	-	-	-	-	-	-	-
Manufacturing	9	7	11	46	52	134	38	30	1	328
Manufacturing includes -										
Cement, bricks, glass and stone	-	-	-	-	-	-	1	-	-	1
Founding, engineering and metal working	1	3	-	15	17	52	12	9	1	110
Ships, vehicles, parts, and accessories.	-	-	3	3	5	11	3	2	-	27
Food, drink, and tobacco	7	1	5	14	18	31	11	10	-	97
Sawmilling and wood products (excl. furniture)	-	-	-	3	1	2	3	-	-	9
Electricity, gas, water, and sanitary services	-	-	-	-	-	1	1	-	-	2
Building and construction	-	-	-	3	3	-	2	-	-	8
Transport and storage	-	-	-	-	1	3	1	-	-	5
Finance and property	-	-	2	1	2	1	2	1	-	9
Commerce	8	2	8	32	20	42	32	15	-	159
Public authority (n.e.i.) and community and business services	6	1	11	49	21	26	32	13	-	159
Amusement, hotels, accommodation, cafes, etc.	10	-	4	28	31	43	25	9	-	150
Other and inadequately described or not stated	-	-	-	-	-	-	-	-	-	-
Total : Number	34	12	36	172	137	255	140	70	1	857
Per cent	4.0	1.4	4.2	20.1	16.0	29.7	16.3	8.2	0.1	100.0

TABLE 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY: SOUTH AUSTRALIA, 1963-64

MALES

Industry	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Primary production	119	257	15	15	137	29	296	3	5	23	899
Mining and quarrying	21	24	2	3	17	2	30	-	1	3	103
Manufacturing	771	1,201	116	217	549	48	1,683	39	37	53	4,714
Manufacturing includes -											
Cement, bricks, glass & stone	54	57	7	13	30	3	109	3	1	2	279
Founding, engineering, and metal working	279	430	47	114	231	15	516	18	15	21	1,686
Ships, vehicles, parts and accessories	152	184	32	36	96	11	416	2	5	10	944
Food, drink, and tobacco	105	240	10	31	72	12	257	-	9	9	745
Sawmilling & wood products (ex. furniture)	79	148	12	3	47	1	158	5	3	1	457
Electricity, gas, water, & sanitary services	109	92	12	22	77	3	216	1	8	5	545
Building and construction	322	347	38	37	231	21	644	13	17	25	1,695
Transport and storage	179	115	10	7	116	12	386	1	16	14	856
Finance and property	5	6	1	-	1	-	11	-	4	1	29
Commerce	156	240	13	29	116	21	440	5	18	17	1,055
Public authority (n.e.i.) community and business services	24	28	3	5	21	5	76	1	9	4	176
Amusement, hotels, accommodation, cafes, etc.	26	35	1	9	25	5	62	-	1	5	169
Other & inadequately described or not stated	-	-	-	-	-	-	-	-	-	-	-
Total : Number	1,732	2,345	211	344	1,290	146	3,844	63	116	150	10,241
Per cent	16.9	22.9	2.1	3.4	12.6	1.4	37.5	0.6	1.1	1.5	100.0

(a) Includes internal injuries (26), nerve injuries (37), miscellaneous and unspecified (87).

TABLE 4 - NON-FATAL ACCIDENTS: INDUSTRY GROUPS, NATURE OF INJURY: SOUTH AUSTRALIA, 1963-64

FEMALES

Industry	Bruising, Contusion, and Super- ficial	Lacera- tions	Foreign Bodies	Burns and Scalds	Frac- tures	Disloca- tions	Strains, Sprains, Hernias	Traumatic Amputa- tions	Concus- sion	Other (a)	Total
Primary production	7	5	1	3	8	-	12	-	1	-	37
Mining and quarrying	-	-	-	-	-	-	-	-	-	-	-
Manufacturing	55	127	2	9	37	2	87	3	4	2	328
Manufacturing includes -											
Cement, bricks, glass & stone	-	-	-	-	-	-	1	-	-	-	1
Founding, engineering, and metal working	20	49	1	-	11	1	24	2	1	1	110
Ships, vehicles, parts and accessories	1	12	-	-	1	1	12	-	-	-	27
Food, drink, and tobacco	13	33	1	6	16	-	24	-	3	1	97
Sawmilling & wood products (ex. furniture)	2	-	-	-	1	-	6	-	-	-	9
Electricity, gas, water, & sanitary services	-	2	-	-	-	-	-	-	-	-	2
Building and construction	1	-	-	-	1	1	5	-	-	-	8
Transport and storage	1	2	-	2	-	-	-	-	-	-	5
Finance and property	4	-	-	1	-	1	3	-	-	-	9
Commerce	27	47	-	9	13	2	52	-	5	4	159
Public authority (n.e.i.) community and business services	20	27	1	6	16	3	76	-	4	6	159
Amusement, hotels, accommodation, cafes, etc.	24	36	-	26	18	2	38	-	5	1	150
Other & inadequately described or not stated	-	-	-	-	-	-	-	-	-	-	-
Total : Number	139	246	4	56	93	11	273	3	19	13	857
Per cent	16.2	28.7	0.5	6.5	10.8	1.3	31.9	0.4	2.2	1.5	100.0

(a) Includes internal injuries (1), nerve injuries (5), miscellaneous and unspecified (7).

TABLE 5 - NON-FATAL ACCIDENTS : LOCATION OF INJURY, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1963-64

Location of Injury	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling		Hand Tools		Miscellaneous		Total	
	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks
MALES																				
Head (except eyes)	29	3.8	67	7.0	21	2.4	6	5.8	64	5.9	23	1.8	65	2.9	18	1.6	24	2.0	317	4.2
Eye	80	2.1	8	1.9	10	3.8	13	1.7	3	1.5	5	2.2	34	2.8	87	3.4	90	1.8	330	2.5
Neck and spine	8	5.5	17	6.1	2	14.6	-	-	106	11.6	6	5.1	223	9.7	15	19.3	24	5.9	401	10.1
Trunk (excl. shoulder and spine)	84	3.2	88	4.1	9	5.4	2	1.0	583	3.5	39	3.1	1,545	4.0	159	4.3	124	4.0	2,633	3.9
Arm (incl. shoulder and wrist)	133	5.3	92	4.8	26	3.7	2	3.6	305	5.4	92	2.8	372	3.3	128	2.7	56	4.1	1,206	4.1
Hand (excl. wrist; incl. fingers)	781	3.8	118	5.1	56	2.9	6	1.6	114	3.2	111	1.9	850	2.5	485	2.2	63	2.7	2,584	3.0
Leg (incl. hip and ankle)	83	4.2	101	9.4	27	3.2	-	-	817	4.6	124	3.3	347	4.2	89	2.6	110	5.6	1,698	4.6
Foot (incl. toes)	65	3.7	71	4.0	53	2.7	1	1.2	120	3.9	65	1.7	555	3.0	79	2.5	15	3.2	1,024	3.1
Other and unspecified	-	-	9	1.6	3	9.1	14	3.2	-	-	-	-	1	1.8	5	1.8	16	1.9	48	2.7
Total	1,263	3.9	571	5.7	207	3.3	44	2.8	2,112	4.7	465	2.6	3,992	3.8	1,065	3.0	522	3.7	10,241	3.9
FEMALES																				
Head (except eyes)	-	-	1	8.0	4	1.7	1	1.0	15	3.5	4	3.4	7	10.7	-	-	2	1.7	34	4.7
Eye	1	1.2	-	-	1	1.8	2	1.4	1	2.0	1	1.2	3	1.6	1	12.2	2	1.0	12	2.3
Neck and spine	2	2.6	-	-	-	-	-	-	14	16.9	-	-	13	12.7	-	-	7	7.6	36	12.8
Trunk (excl. shoulder and spine)	2	1.6	2	2.3	3	25.9	-	-	48	4.7	3	1.3	98	3.4	2	2.0	14	2.1	172	4.0
Arm (incl. shoulder and wrist)	14	3.5	4	20.7	10	6.0	1	2.8	55	7.8	9	2.6	31	2.3	3	2.9	10	3.0	137	5.5
Hand (excl. wrist; incl. fingers)	114	4.6	1	1.0	21	2.4	-	-	7	6.6	14	3.4	66	2.7	26	2.3	6	3.7	255	3.6
Leg (incl. hip and ankle)	3	2.8	4	2.8	4	1.4	-	-	93	4.1	11	2.1	16	2.5	3	2.9	6	4.9	140	3.6
Foot (incl. toes)	3	2.0	-	-	5	2.4	-	-	13	1.9	11	2.6	34	2.9	1	2.0	3	2.4	70	2.5
Other and unspecified	-	-	-	-	-	-	1	2.0	-	-	-	-	-	-	-	-	-	-	1	2.0
Total	139	4.3	12	9.0	48	4.5	5	1.7	246	5.7	53	2.7	268	3.6	36	2.6	50	3.5	857	4.3

TABLE 6 - NON-FATAL ACCIDENTS : NATURE OF INJURY, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1963-64

Nature of Injury	Machinery		Vehicles		Electricity, Explosions, Etc.		Harmful Substances		Falling, Slipping, Stumbling, Etc.		Striking against, Stepping on, Etc.		Handling; Objects Moving or Falling		Hand Tools		Miscellaneous		Total	
	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks	No.	Av. wks
MALES																				
Contusion, bruising, and superficial injury	191	2.3	149	2.5	-	-	-	-	422	2.3	138	2.1	618	2.3	151	1.9	63	2.3	1,732	2.2
Lacerations	615	3.3	89	4.1	7	1.4	-	-	157	2.8	200	1.9	728	2.2	481	2.1	68	2.2	2,345	2.6
Foreign bodies	57	1.5	3	2.5	-	-	4	2.1	-	-	-	-	15	1.4	56	3.3	76	1.7	211	2.1
Burns, and scalds	37	2.2	20	2.4	193	3.2	25	2.7	11	2.2	-	-	4	2.2	45	2.3	9	2.9	344	2.9
Fractures	182	6.6	138	11.5	1	2.8	-	-	352	8.9	27	2.8	464	5.2	75	4.8	51	7.8	1,290	7.1
Dislocations	8	7.5	16	4.9	-	-	-	-	41	17.1	1	2.2	61	11.4	3	3.7	16	5.0	146	11.1
Sprains, strains, and hernias	107	3.6	96	3.5	1	15.0	-	-	1,074	3.8	81	4.8	2,052	4.2	230	4.8	203	4.3	3,844	4.1
Traumatic amputations	46	10.2	6	33.6	-	-	-	-	1	7.4	-	-	5	5.4	3	3.7	2	4.1	63	11.5
Concussion	6	6.4	41	4.5	-	-	-	-	33	3.0	9	1.6	20	2.7	3	1.4	4	2.2	116	3.5
Enucleation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal injury	2	6.6	5	7.2	1	8.8	-	-	2	1.9	1	1.2	7	3.9	5	4.1	3	16.8	26	6.2
Nerve injury	4	11.4	3	1.9	-	-	-	-	9	40.8	5	4.0	8	5.6	3	6.4	5	5.4	37	14.3
Other and unspecified	8	3.7	5	3.2	4	7.3	15	3.1	10	5.6	3	4.6	10	7.3	10	3.3	22	2.4	87	4.0
Total	1,263	3.9	571	5.7	207	3.3	44	2.8	2,112	4.7	465	2.6	3,992	3.8	1,065	3.0	522	3.7	10,241	3.9
FEMALES																				
Contusion, bruising, and superficial injury	18	2.2	4	2.7	-	-	-	-	55	2.4	13	1.8	38	2.1	4	4.5	7	2.7	139	2.3
Lacerations	92	2.9	1	1.0	1	15.0	-	-	19	3.3	27	2.9	73	3.8	28	2.4	5	2.4	246	3.1
Foreign bodies	1	1.2	-	-	-	-	-	-	-	-	-	-	1	1.4	-	-	2	1.0	4	1.2
Burns, and scalds	4	39.3	-	-	46	4.3	3	1.7	3	4.6	-	-	-	-	-	-	-	-	56	6.7
Fractures	15	4.4	3	27.3	-	-	-	-	50	10.1	4	3.1	13	2.7	2	2.9	6	6.9	93	8.0
Dislocations	1	3.8	-	-	-	-	-	-	4	43.3	-	-	2	1.8	-	-	4	9.5	11	19.8
Sprains, strains, and hernias	5	4.2	3	2.0	-	-	-	-	99	4.2	7	3.4	134	4.2	2	2.1	23	2.6	273	4.0
Traumatic amputations	3	13.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	13.5
Concussion	-	-	1	8.0	-	-	-	-	12	3.6	2	1.4	3	1.5	-	-	1	2.2	19	3.2
Enucleation	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1.8	1	1.8
Nerve injury	-	-	-	-	1	2.2	-	-	2	2.0	-	-	1	1.8	-	-	1	1.0	5	1.8
Other and unspecified	-	-	-	-	-	-	2	1.7	2	24.8	-	-	3	3.3	-	-	-	-	7	9.0
Total	139	4.3	12	9.0	48	4.5	5	1.7	246	5.7	53	2.7	268	3.6	36	2.6	50	3.5	857	4.3

TABLE 7 - NON-FATAL ACCIDENTS: NATURE OF INJURY, LOCATION OF INJURY: SOUTH AUSTRALIA, 1963-64

Nature of Injury	Head	Eye	Neck & Spine	Trunk	Arm	Hand	Leg	Foot	Miscellaneous and Site Unspecified	Total
MALES										
Contusion, bruising, and superficial injury	25	25	33	326	214	332	427	344	6	1,732
Lacerations	95	50	-	16	159	1,630	245	148	2	2,345
Foreign bodies	1	210	-	-	-	-	-	-	-	211
Burns, and scalds	36	39	2	12	52	98	33	72	-	344
Fractures	36	-	31	148	188	353	133	401	-	1,290
Dislocations	-	-	76	2	38	15	14	1	-	146
Sprains, strains, and hernias	-	-	247	2,091	539	81	831	55	-	3,844
Traumatic amputations	-	-	-	-	2	60	-	1	-	63
Concussion	116	-	-	-	-	-	-	-	-	116
Enucleation	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	26	-	-	-	-	-	26
Nerve injury	3	-	10	6	9	5	3	1	-	37
Other and unspecified	5	6	2	6	5	10	12	1	40	87
Total	317	330	401	2,633	1,206	2,584	1,698	1,024	48	10,241
FEMALES										
Contusion, bruising, and superficial injury	2	5	7	27	23	20	31	24	-	139
Lacerations	5	-	-	2	6	190	25	18	-	246
Foreign bodies	-	4	-	-	-	-	-	-	-	4
Burns, and scalds	5	2	-	3	13	23	5	5	-	56
Fractures	2	-	2	7	41	15	9	17	-	93
Dislocations	-	-	6	-	-	1	4	-	-	11
Sprains, strains, and hernias	-	-	20	128	53	3	63	6	-	273
Traumatic amputations	-	-	-	-	-	3	-	-	-	3
Concussion	19	-	-	-	-	-	-	-	-	19
Enucleation	-	-	-	-	-	-	-	-	-	-
Internal injury	-	-	-	1	-	-	-	-	-	1
Nerve injury	1	-	1	3	-	-	-	-	-	5
Other and unspecified	-	1	-	1	1	-	3	-	1	7
Total	34	12	36	172	137	255	140	70	1	857

TABLE 8 - NON-FATAL ACCIDENTS : AGE GROUP, ACCIDENT FACTOR : SOUTH AUSTRALIA, 1963-64

Age Group (Years)	Machin- ery	Veh- icles	Electricity, Explosions, Etc.	Harmful Sub- stances	Falling, Slipping, Stumbling, Etc.	Striking against, Stepping on, Etc.	Handling; Objects Moving or Falling	Hand Tools	Miscell- aneous	Total
MALES										
Under 20	182	65	39	1	171	53	302	141	56	1,010
20 - 24	176	84	31	5	208	55	393	155	70	1,177
25 - 29	126	68	20	7	199	42	452	107	49	1,070
30 - 34	127	65	23	1	218	49	456	122	60	1,121
35 - 39	153	66	28	5	257	59	546	125	71	1,310
40 - 44	135	51	26	4	232	53	485	124	61	1,171
45 - 49	99	51	14	2	215	52	405	86	32	956
50 - 54	94	48	10	10	199	36	372	82	44	895
55 - 59	65	26	8	5	173	22	255	55	31	640
60 - 64	49	21	2	2	120	23	143	27	19	406
65 and over	18	9	1	1	34	3	25	7	6	104
Not stated (a)	39	17	5	1	86	18	158	34	23	381
Total	1,263	571	207	44	2,112	465	3,992	1,065	522	10,241
FEMALES										
Under 20	41	3	15	2	39	7	41	10	13	171
20 - 24	26	-	8	1	24	7	26	2	5	99
25 - 29	14	1	1	-	11	2	22	4	3	58
30 - 34	8	4	5	1	22	2	20	2	6	70
35 - 39	15	2	3	-	26	7	54	4	7	118
40 - 44	14	-	2	1	40	11	33	5	7	113
45 - 49	9	-	4	-	22	7	27	-	3	72
50 - 54	1	1	7	-	20	5	15	2	1	52
55 - 59	3	-	-	-	14	1	7	2	1	28
60 - 64	1	-	-	-	8	1	1	1	-	12
65 and over	-	-	1	-	8	-	1	1	1	12
Not stated (a)	7	1	2	-	12	3	21	3	3	52
Total	139	12	48	5	246	53	268	36	50	857

(a) Age details not available.

TABLE 9 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS

NUMBER OF ACCIDENTS : SOUTH AUSTRALIA, 1963-64

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
MACHINERY			
Prime movers and pumps			
Engines and prime movers	-	5	-
Pumps (including windmills)	-	4	-
Mechanical power transmission apparatus			
Ropes, belts, pulleys, chains, and sprockets	-	21	-
Shafting	-	-	-
Gears	-	1	-
Other	-	-	-
Hoisting and hauling			
Hoists, cranes, winches, etc. (large fixed apparatus)	-	159	1
Other lifting appliances (small portable apparatus)	-	36	2
Lifts	-	6	1
Conveyors	-	68	3
Fixed industrial machines (while operating)			
Abrasive, polishing, etc.	1	126	5
Agitators and mixers	-	42	2
Casting, forging, welding	-	57	1
Crushing, grinding, etc.	-	8	1
Drilling, boring, turning (metal working)	-	88	9
" " " (other)	-	14	1
Milling machines (metal working)	-	28	1
Planers and shapers (woodworking)	-	75	-
" " " (other)	-	2	-
Packing and wrapping	-	6	8
Opening, picking, combing, carding (textiles)	-	10	-
Presses and punches (metal working)	-	97	28
" (printing)	-	7	1
" (other)	-	25	7
Rolls (printing, metal rolling, glueing, etc.)	-	28	5
Saws, circular (wood working)	-	50	-
" other (wood working)	-	49	-
" (metal working)	-	15	-
" other (stone, plastic, etc. cutting)	-	13	-
Screening and separating (not cream separating)	-	1	3
Sewing and stitching	-	-	8
Shears (metal working)	-	31	2
" (paper cutting)	-	9	2
" other (except food and sheep shears)	-	8	-
Rotary cutters (except food)	-	6	-
Cutters, food	-	14	25
Spinning, weaving, and knitting	-	4	4
Centrifuges	-	1	-
Other industrial machines (fixed)	-	54	17
Farm Equipment			
Milking and shearing machines & cream separators	-	48	-
Farm implements (not tractors)	-	35	2
Other farm equipment (fixed) (not woolpresses)	-	2	-
Other machinery	-	10	-
Total machinery	1	1,263	139
VEHICLES			
Motor vehicles	7	310	6
Trams (not if stationary)	-	-	-
Railway locomotives, trucks and cars	-	33	-
Mine, quarry, and other vehicles on rails	-	9	1
Bicycles	1	10	1
Aircraft	-	1	-
Water transport	-	1	-
Animal drawn vehicles	-	1	-

TABLE 9 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS

NUMBER OF ACCIDENTS : SOUTH AUSTRALIA, 1963-64 (continued)

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
VEHICLES (continued)			
Mobile machinery			
Mobile cranes & hoists	-	8	-
Forklift trucks	-	46	1
Tractors	1	70	3
Bulldozers, mech. shovels, graders, rollers, etc.	1	55	-
Other mobile machinery	-	24	-
Other vehicles	-	3	-
Total vehicles	10	571	12
ELECTRICITY, EXPLOSIONS, FLAMES, HOT SUBSTANCES			
Electricity (contact with)			
Cables and flexibles, portable machines, etc.	1	8	1
Switch and fuse gear	-	5	-
Electric supply wiring	-	7	-
Other electricity	-	1	-
Explosions			
Blasting (mines and quarries)	-	2	-
Boilers and pressure vessels	-	-	-
Gas (household and industrial)	-	3	1
Other explosions (including weapons)	-	12	1
Flames, hot substances and objects	-	169	45
Total electricity, etc.	1	207	48
HARMFUL SUBSTANCES			
Solids (including powders)	-	9	-
Gas and aerosols	-	9	-
Liquids	-	26	5
Total harmful substances	-	44	5
FALLING, STUMBLING, SLIPPING, ETC.			
On or from			
Ladders	-	147	11
Poles	-	2	-
Roofs	-	33	-
Scaffolding	-	66	-
Stairs or steps	-	96	30
Top or tray of vehicles	-	118	1
From other elevation	1	177	17
Into excavations	1	62	-
Up or down (jumping or stepping)	-	204	2
On same level	-	1,207	185
Total falling, stumbling, slipping, etc.	2	2,112	246
STEPPING ON, STRIKING AGAINST FIXED OR STATIONARY OBJECTS			
Stepping on sharp objects	-	57	5
Striking against	-	408	48
Total stepping on, striking against	-	465	53
HANDLING; OBJECTS MOVING OR FALLING			
Strain in handling	-	1,918	132
Struck by or caught between (moving or falling objects)			
Trees, limbs, logs	1	81	-
Poles (timber)	-	11	-
Other timber (e.g. sleepers, etc.)	1	192	-
Drums and barrels	-	70	1
Boxes, crates, cartons	-	57	7
Bricks and tiles	-	32	-
Earth, rock, sand	1	41	-
Hand trucks, barrows, etc.	-	70	7
Other objects	2	1,084	67

TABLE 9 - FATAL AND NON-FATAL ACCIDENTS : INDIVIDUAL ACCIDENT FACTORS

NUMBER OF ACCIDENTS : SOUTH AUSTRALIA, 1963-64 (continued)

ACCIDENT FACTOR	Males		Females
	Fatal	Non-Fatal	Non-Fatal
HANDLING; OBJECTS MOVING OR FALLING (continued)			
Sharp objects - wounds through handling			
Metal (other than hand tool, etc.)	-	142	23
Glass (handling - not knocking against)	-	58	5
Other sharp objects	-	130	21
Other accidents involving handling, or objects moving or falling	-	106	5
Total handling; objects moving or falling	5	3,992	268
HAND TOOLS			
Hand operated			
Axes, hatchets, machettes	-	72	-
Blow torches (not oxytorch)	-	1	-
Can openers	-	-	-
Cleavers, choppers	-	2	-
Chisels	-	28	-
Crowbars, pinchbars	-	80	-
Files	-	7	-
Hammers, malletts	-	153	1
Hooks	-	30	-
Knives	-	204	22
Needles	-	-	1
Pens and pencils	-	1	-
Picks, pickaxes, hoes	-	21	-
Pliers, pincers, tongs	-	9	1
Saws (including hacksaws)	-	18	-
Scissors and shears	-	7	4
Screwdrivers	-	11	1
Shovels and spades	-	91	-
Spanners, wrenches	-	59	-
Other hand-operated hand tools	-	79	2
Power operated- Electric, pneumatic, hydraulic			
Abrasive, sanding, polishing, etc.	-	21	2
Chisels	-	2	-
Drills, jack-hammers, etc.	-	76	-
Knives	-	1	-
Riveters	-	2	-
Saws	-	16	-
Screwdrivers	-	1	-
Soldering irons	-	-	-
Explosive power fasteners (Ramset guns, etc.)	-	2	-
Other (inc. oxytorches, sprayers, portable welding plant)	-	71	2
Total hand tools	-	1,065	36
MISCELLANEOUS			
Animals & insects	-	169	7
Physical causes			
Cold (freezing chambers, weather, etc.)	-	-	-
Compressed air	-	-	-
Exposure to rain, wind, etc. (not heat or cold)	-	1	-
Heat (furnaces, weather, etc. - not contact with hot objects)	-	2	-
Immersion	-	-	-
Radiation (not burns from)	-	-	-
Vibration (e.g. from pneumatic drill)	-	3	-
Other physical	-	1	-
Pressure vessels, pipes, etc. bursting	-	5	-
Other			
Doors & windows	1	50	11
Flying particles (windborne-not from machines, etc.)	-	84	2
Other	-	207	30
Total miscellaneous	1	522	50
TOTAL - ALL FACTORS	20	10,241	857

TABLE 10 - NON-FATAL ACCIDENTS : NUMBER, TIME LOST : SOUTH AUSTRALIA, 1963-64

TIME LOST	MALES		FEMALES		PERSONS	
	NO.	TIME LOST	NO.	TIME LOST	NO.	TIME LOST
		Weeks		Weeks		Weeks
1 week, but less than 2 weeks	5,056	6,488	407	520	5,463	7,008
2 weeks, but less than 4 weeks	2,762	7,200	250	656	3,012	7,856
4 weeks, but less than 6 weeks	897	4,246	68	316	965	4,562
6 weeks, but less than 8 weeks	522	3,505	40	267	562	3,772
8 weeks, but less than 13 weeks	549	5,335	48	479	597	5,814
13 weeks, but less than 26 weeks	299	5,110	25	423	324	5,533
26 weeks, but less than 52 weeks	104	3,656	13	470	117	4,126
52 weeks, but less than 104 weeks	38	2,447	4	276	42	2,723
104 weeks, but less than 156 weeks	6	806	1	135	7	941
156 weeks and more	8	1,373	1	159	9	1,532
TOTAL	10,241	40,166	857	3,701	11,098	43,867

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(B)

(C)